# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 06:00 on Sunday 25 Jun 2023 until 23:59 on Monday 26 Jun 2023

Forecast Issued on Sunday 25 Jun 2023 at 03:43

**Confidence:** High for the overall outlook, with a transition from very warm and humid conditions to cooler fresher conditions and spells of rain and showers. Moderate confidence for the thunderstorm risk Sunday.

**Headline for Sunday 25 Jun 2023:** Sunny start. Thundery showers followed by a band of heavy rain Sunday afternoon. Clearing to leave a largely fine and dry evening. Blustery.

**Mountain weather hazards on Sunday 25 Jun 2023**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>No Likelihood |
| **Thunderstorms**<br>Medium Likelihood | **Heavy persistent rain**<br>Low Likelihood | **Strong sunlight**<br>High Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Sunny | Sunny | Thundery showers | Heavy rain showers | Sunny intervals | Light rain showers (night) |
| Precipitation probability | | | | | |
| <05% | <05% | 40% | 60% | 20% | 30% |

**Forecast for Sunday 25 Jun 2023**

**Weather:** Dry and largely sunny throughout the morning, soon becoming very warm or hot. Showers building into early afternoon to give locally heavy thunderstorms with hail and gusty winds. A band of heavy rain, potentially thundery, will push east across the park mid to late afternoon. A largely dry and bright evening follows, although the odd shower still possible, mainly over High Peak.

**Chance of cloud-free hill tops above 600m:** 90%, lowering to 40% in afternoon showers and rain. Above 80% by early evening.

**Low cloud and visibility:** Isolated mist possible around dawn as well as a few patches of cloud around 600m. This is expected to be transient with no appreciable deterioration in visibility on summits. Extensive cloud lowering to 400-600m in and around heavy or thundery downpours and in association with the rain band in the afternoon, especially in the north and west. Visibility generally good, but deteriorating to poor or locally very poor in heavy rain and thunderstorms. Bases lifting later in the afternoon to be well above summits.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Sunday 25 Jun 2023**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 20/31 S | 22/27 S | 22/30 SW | 18/24 W | 20/28 W | 15/22 W | 14/20 W |
| **300** | 18/27 SE | 18/23 S | 17/25 SW | 13/19 W | 16/24 W | 12/19 W | 9/15 SW |
| **Valley** | 8/20 SE | 11/20 S | 14/26 SW | 11/21 W | 12/24 W | 8/18 W | 7/16 W |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 20/15 | 19/14 | 21/16 | 17/14 | 15/11 | 12/10 | 11/8 |
| **300** | 19/15 | 21/17 | 24/20 | 20/18 | 17/14 | 15/13 | 13/11 |
| **Valley** | 19/18 | 23/21 | 25/23 | 20/19 | 18/16 | 15/14 | 14/13 |
| **Freezing Level*** | 2800m | 3000m | 3000m | 3000m | 2300m | 2100m | 2100m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Gusts of 40mph will affect exposed ridges during the morning and in downdrafts from heavy showers giving difficult walking conditions. Feeling hot, especially on lower slopes, bringing a risk of dehydration and heat stress. Conditions deteriorating during the afternoon with thundery showers and outbreaks of rain.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 02:00 on Sun 25 Jun 2023 | 0mm | 2.6mm | 2.6mm |

**Forecast for Monday 26 Jun 2023**

**Weather:** Fair weather cloud building through the day, with a few showers developing from late morning. Cloud will continue to thicken during the afternoon, turning sunshine increasingly hazy. Feeling much cooler than of late.

**Maximum wind:** Westerly 20mph gusting 25-30mph.

**Chance of cloud-free hill tops above 600m:** 90% or above.

**Low cloud and visibility:** Some isolated patches of low cloud possible in the early hours in the west, bases shrouding the highest tops around 600-700m. Otherwise, cloud bases are expected to be well above summits throughout. Visibility will be good or very good, perhaps moderate in the odd shower.

**Temperature:** **Valleys:** Plus 13 Celsius rising to Plus 19 Celsius.
**At 600m:** Plus 11 Celsius rising to Plus 15 Celsius.
**Freezing level:** Well above summits.

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